

AMENDMENTS TO THE SPECIFICATION

Please amend the Title of the application, per the Examiner's suggestion, to read, "Polyketide Genes and the Production of Polyketides".

Please replace the paragraph of the specification beginning on the last two lines of page 34 and continuing on page 35, with the following rewritten paragraph:

For use as motilides, the compounds of the invention can be used directly without further chemical modification. Erythromycin and certain erythromycin analogs are potent agonists of the motilin receptor that can be used clinically as prokinetic agents to induce phase III of migrating motor complexes, to increase esophageal peristalsis and LES pressure in patients with GERD, to accelerate gastric emptying in patients with gastric paresis, and to stimulate gall bladder contractions in patients after gallstone removal and in diabetics with autonomic neuropathy. See Peeters, 1999, Motilide Web Site, <http://www.med.kuleuven.ac.be/med/gih/motilid.htm> ~~www.med.kuleuven.ac.be/med/gih/motilid.htm~~, and Omura *et al.*, 1987, Macrolides with gastrointestinal motor stimulating activity, *J. Med. Chem.* 30: 1941-3). The corresponding compounds of the invention that result from the compounds of the invention being modified by *Saccharopolyspora erythraea* also have motilide activity, particularly after conversion, which can also occur *in vivo*, to the C-6 to C-9 hemiketal by treatment with mild acid. Compounds lacking the C-12 hydroxyl are especially preferred for use as motilin agonists. These compounds can also be further chemically modified, however, to provide other compounds of the invention with potent motilide activity.